



811 Comfortsquare - 43° - DIP SWITCH

The Human Centric Lighting approach puts the spotlight on people's health and wellbeing. Light must be of high quality, with perfect colour rendering, no glare and flickering and suited for the visual task at hand. Moreover, luminous flux and colour temperatures must adapt to different needs throughout the day in order to create a balance between artificial and natural light. For example, cold lights should be used in places where people need to concentrate, while warmer lights should be used in places where people relax.

Disano offers a great variety of products to implement this lighting philosophy in offices, lecture rooms, hospitals and in places where we spend most of our days.

Comfortsquare is the latest born in Disano's series of recessed LED fixtures that use the shape of a light panel, a solution which is becoming an increasingly popular choice in offices, healthcare structures and retail spaces.

The excellent light distribution and anti-glare optics UGR <16 favour maximum efficiency and visual comfort.

Moreover, their versatile use makes these fixtures suited in virtually any interior lighting design.

Housing: self-extinguishing injection-moulded polycarbonate in RAL 9016 colour. Gear box in white-coated 7/10 thickness steel sheet.

Optics: secondary lenses in PMMA with high transparency and non-yellowing properties, and two photometric distributions with wide and middle beam angles.

Coating: ceiling version in anaphoresis bath with acrylic white enamelling, UV-stabilized.

UGR glare index: UGR<16 (max 21W) - UGR<19 (in any situation) - EN 12464. LED: power factor 0.9. Luminous flux maintenance 80% 100.000h (L80B20).

Luminous flux maintenance 90% 50.000h (L90B10).

Photobiological safety class: Exempt group.

DIP switch setting: the fixture comes with a dip switch driver for the setting of the output current. In this way you, can ensure the best luminous flux for any lighting design. The possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.

150350-00 DIP SWITCH I out W tot K - ølm - CRI 550 16 4000K - 2440lm - CRI 80 650 19 4000K - 2873lm - CRI 80 850 24 4000K - 3669lm - CRI 80 900 26 4000K - 3866lm - CRI 80 950 27 4000K - 4069lm - CRI 80 1000 28 4000K - 4234lm - CRI 80 1050 30 4000K - 4475lm - CRI 80

150350-39 DIP SWITCH I out W tot K - ølm - CRI 550 16 3000K - 2330lm - CRI 80 650 19 3000K - 2743lm - CRI 80 850 24 3000K - 3504lm - CRI 80 900 26 3000K - 3691lm - CRI 80 950 27 3000K - 3876lm - CRI 80 1000 28 3000K - 4043lm - CRI 80 1050 30 3000K - 4273lm - CRI 80

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Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour
150350-00	CLD	4,00	LED-3300lm-4000K - 43°-CRI 80	21 W	WHITE
150350-39	CLD	4,10	LED-3152lm-3000K - 43°-CRI 80	21 W	WHITE
150350-19	CLD	4,09	LED-3300lm-4000K - 43°-CRI 80	21 W	WHITE
150350-1928	CLD	4,10	LED-3152lm-3000K - 43°-CRI 80	21 W	WHITE

Accessori



- 600 EM power kit



- 595 frame 600x600 h70mm



- 907 Springs



- 320 steel safety cord

The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated